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Other publications from [DYNAMIT NOBEL AG \(DYNN\)](#)...**Inventor:** SCHMIDT W;**Accession/** 1982-31268E / 198216**Update:****IPC Code:** B05D 5/00 ; C04B 41/28 ; C07F 7/18 ; C08J 9/40 ; C09K 3/18 ; C10M 3/44 ;**Derwent Classes:** **A82; E11; L02; P42;****Manual Codes:** **A01-A03**(Silicon containing monomers, condensants) , **E05-E02**((Cyclo)aliphatic compound with Si-C bond [general]) , **L02-D14**(Concrete additives and coatings)**Derwent Abstract:** (EP0049365A) New stable aq. alkyl-silanol solns. contain 0.5-45 (2-40) wt.% alkyl-trialkoxysilane hydrolysates having formula $\text{CH}_3\text{CH}_2\text{CH}_2\text{-Si(OH)}_n(\text{OR}')^{3-n}$ (I) (where R' is 1-4C alkyl and n is 1-3) and pref. have pH 2-7. (I) are prepd. by mixing alkyl-trialkoxysilanes with water at pH 1-7 (2-3.5) at room temp. Heating is not required, since silanol-formation is exothermal. Soln. use for the water-repellent impregnation of inorganic oxide-, esp. building material and for camouflage impregnation is claimed.

Family:	PDF	Patent	Pub. Date	Derwent Update	Pages	Language	IPC Code
 EP0049365A *			1982-04-14	198216	13	German	C04B 41/28
Des. States: (R) AT BE CH DE FR GB IT LI LU NL SE							
Local apps.: EP1981000106892 Filed:1981-09-03 (81EP-0106892)							
 US4708743 =			1987-11-24	198749	4	English	C09K 3/18
Local apps.:							
 DE3173444G =			1986-02-20	198609		German	C04B 41/49
Local apps.:							
EP0049365B =			1986-01-08	198603		German	C04B 41/28
Des. States: (R) AT BE CH DE FR GB IT LI LU NL SE							
Local apps.:							
 CA1196653A =			1985-11-12	198550		English	C07F 7/18
Local apps.:							

☒ [US4517375](#) = 1985-05-14 198522 4 English C07F 7/08
Local appls.: [US1986000846496](#) Filed:1986-03-26 (86US-0846496)

☒ [US4352894](#) = 1982-10-05 198242 4 English C08J 9/40
Local appls.: [US1982000375941](#) Filed:1982-05-07 (82US-0375941)

☒ [JP57126878A](#) = 1982-08-06 198237 English C04B 41/22
Local appls.:

☒ [DE3037220A](#) = 1982-04-29 198218 German B05D 5/00
Local appls.:

☒ INPADOC
Legal Status:

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☒ Priority Number:

Application Number	Filed	Original Title
DE1980003037220	1980-10-02	STABILE WAESSRIGE IMPRAENIERLOESUNGEN AUS HYDROLIERTEN ALKYLTRIALKOXISILANAN

☒ Chemical
Indexing Codes:

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☒ Polymer
Multipunch Codes:

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☒ Title Terms:

STABILISED AQUEOUS ALKYL TRI ALKOXY SILANE HYDROLYSATE
SOLUTION*WATER IMPERMEABLE INORGANIC OXIDE BUILD MATERIAL
FOAM PVA

Index Terms:

POLYVINYL ALCOHOL

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